

THOMSON DELPHION		RESEARCH My Account Products	PRODUCTS Search: Quick/Number Boolean Advanced Derwent	INSIDE DELPHION
-----------------------------------	--	--------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------	------------------------

The Delphion Integrated View

Get Now: ☒ PDF | [More choices...](#)

Tools: Add to Work File: ☐ Create new Work File ☐

View: [INPADOC](#) | Jump to: [Top](#) Go to: [Derwent](#)

☐ Email this to a

Title: JP59090353A2: BATTERY

Derwent Title: Battery with pole plate of mesh-shaped lead and grid - has upper portion of lead and/or grid in pole plate filled with solder NoAbstract Dwg 0/4
[\[Derwent Record\]](#)

Country: JP Japan
Kind: A (See also: [JP63005862B4](#))

Inventor: KAWAHARA TSUTOMU;

Assignee: JAPAN STORAGE BATTERY CO LTD
[News, Profiles, Stocks and More about this company](#)

Published / Filed: 1984-05-24 / 1982-11-15

Application Number: JP1982000199978

IPC Code: [H01M 2/26](#); [H01M 4/72](#);

Priority Number: 1982-11-15 JP1982000199978


Abstract: PURPOSE: To increase mechanical strength and electrical performance by filling wax in a lead of a plate or a lead and the upper part of a grid.
 CONSTITUTION: Wax 5 is filled in a lead 2 and the upper part of a grid 1 comprising an expanded metal net or a porous plate, and the wax 5 and the lead 2 are bonded together. The wax is selected depending on material of the lead 2 and the grid 1, and the kind of active material 3 and electrolyte. By filling only the lead, an open part, or net part in the upper part of the grid with the wax, without special thickness increase of wax filled part, decrease of electrical resistance and increase of mechanical strength achieved.

COPYRIGHT: (C)1984,JPO&Japio

INPADOC Legal Status: None **Get Now:** [Family Legal Status Report](#)

Family: [Show 2 known family members](#)

Forward References: Go to Result Set: [Forward references \(1\)](#)

PDF	Patent	Pub.Date	Inventor	Assignee	Title
	US6586912	2003-07-01	Tsukamoto; Hisashi	Quallion LLC	Method and apparatus for amplitude limiting battery temperature spikes

Other Abstract Info: None

Best Available Copy



[Nominate this for the Gallery...](#)



© 1997-2004 Thomson [Research Subscriptions](#) | [Privacy Policy](#) | [Terms & Conditions](#) | [Site Map](#) | [Contact Us](#) | [Help](#)



(19)

(11) Publication number: **59090**

Generated Document.

PATENT ABSTRACTS OF JAPAN(21) Application number: **57199978**(51) Intl. Cl.: **H01M 2/26 H01M 4/72**(22) Application date: **15.11.82**

(30) Priority:

(43) Date of application
publication: **24.05.84**(84) Designated contracting
states:(71) Applicant: **JAPAN STORAGE BATTERY
LTD**(72) Inventor: **KAWAHARA TSUTOMU**

(74) Representative:

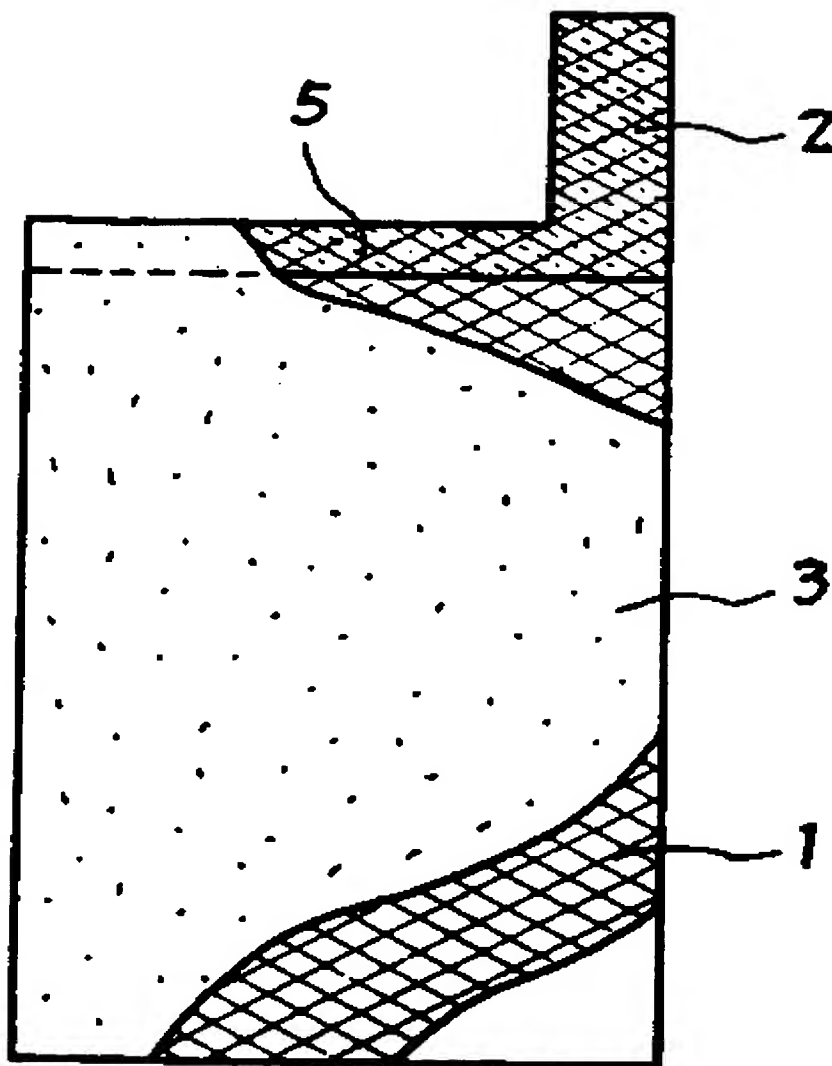
(54) BATTERY

(57) Abstract:

PURPOSE: To increase mechanical strength and electrical performance by filling wax in a lead of a plate or a lead and the upper part of a grid.

CONSTITUTION: Wax 5 is filled in a lead 2 and the upper part of a grid 1 comprising an expanded metal net or a porous plate, and the wax 5 and the lead 2 are bonded together. The wax is selected depending on material of the lead 2 and the grid 1, and the kind of active material 3 and electrolyte. By filling only the lead, an open part, or net part in the upper part of the grid with the wax, without special thickness increase of wax filled part, decrease of electrical resistance and increase of mechanical strength achieved.

COPYRIGHT: (C)1984,JPO&Japio



Best Available Copy